

JC20 Rec'd PCT/PTO 4863/PCT 22 APR 2005

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

10/532543

37 CFR 1.5

Signed

INTERNATIONAL APPLICATION NO. PCT/JP03/14281	INTERNATIONAL FILING DATE 10 November 2003(10.11.2003)	PRIORITY DATE CLAIMED 11 November 2002(11.11.2002)
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TITLE OF INVENTION Electrode Material for Electrical Discharge Machining and Method of Manufacturing the Same

APPLICANT(S) FOR DO/EO/US

Noboru UENISHI, Norihito GOMA, Hidetaka KATOUGI, Kiyohito KAMIYA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). The Translation is accurate.
 - a. ☒ is attached hereto, along with a Translator's Declaration.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)); executed copy 4 pages.
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, copy of Int. Search Report, 1 reference, 5 English Abstracts, 2 Partial Eng. Translation
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:
 - a. a return receipt postcard;
 - b. Form PTO-2038 to cover the filing fee & fee for Assignment Recordal;
 - c. 1 Fig. on 1 sheet of formal drawings.

NOTE: The priority of Japanese Patent Application 2002-326244 filed in Japan on November 11, 2002 is claimed for the present Application under 35 U.S.C. §119. Note that the priority of JP 2003-376401 is NOT claimed.

NOTE: The entire disclosure of PCT International Application PCT/JP03/14281 is incorporated herein by reference.

NOTE: This Application has been assigned to: Sumitomo Electric Industries, Ltd. of: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan. The Assignment is being submitted herewith for recordal.

NOTE: Please print the Assignee data with the Published Application.

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U.S. APPLICATION NO. (if known)
10/532543
unknown - to be assignedINTERNATIONAL APPLICATION NO.
PCT/JP03/14281ATTORNEY'S DOCKET NUMBER
4863/PCT21. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO. *With Search Report*National Phase filing fee (\$300), Search fee (\$400),
Examination fee (\$200).....=\$900.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$740.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4).....\$740.00

ENTER APPROPRIATE BASIC FEE AMOUNT =900.00

CALCULATIONS PTO USE ONLY

\$ 900.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0

CLAIMS NUMBER FILED NUMBER EXTRA RATE

Total claims 45 - 20 = 25 x \$18.00 50 \$1250.00

Independent claims 5 - 3 = 2 x \$200.00 200 \$400.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$280.00 \$ 0

TOTAL OF ABOVE CALCULATIONS = \$2550.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

\$ 0

SUBTOTAL = \$2550.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0

TOTAL NATIONAL FEE = \$2550.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 40.00

TOTAL FEES ENCLOSED = \$2590.00

Amount to be
refunded: \$

charged: \$

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any deficiency in or
overpayment to Deposit Account No. 50-0507. ~~AND TO REFUND ANY OVERPAYMENT TO THE DEPOSIT ACCOUNT.~~
- d. ☒ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.The Power of Attorney and the Correspondence
Address for this Application are to
CUSTOMER NO.: 021553.

SIGNATURE

Walter F. Fasse - 4/22/05
NAME

36132

REGISTRATION NUMBER

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EV 511 024 386 US
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of Noboru UENISHI et al.

International Serial Number: PCT/JP03/14281

International Filing Date: November 10, 2003

For: Electrode Material for Electrical Discharge Machining and Method of Manufacturing the Same

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

Hisato NODA, residing at c/o Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka, Japan, declares:

- (1) that he knows well both the Japanese and English languages;
- (2) that he translated the above-identified International Application from Japanese to English;
- (3) that the attached English translation is a true and correct translation of the above-identified International Application to the best of his knowledge and belief; and
- (4) that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated this 22nd day of March, 2005

Translator's Signature:

Hisato Noda
Hisato Noda